10/7/8/845 Sheet 1 of 2

Sheet 1 of 2 .

Form PTO-1449	U.S. Department of Commerce	Attorney Docket No.	Application No.
	Patent and Trademark Office	AD-6551 US DIV 2	UNKNOWN
	,		(a divisional of U.S.
			application No. 09/878,886,
			filed June 11, 2001, which
			is a continuation of U.S.
			application No.
			09/250,776 filed 2/12/1999,
			which is a continuation-in-
			part of U.S. application No.
			09/019,287, filed 2/5/1998)
		Filing Date: CONCURRENTLY	HEREWITH
INFORMATION I	DISCLOSURE STATEMENT	First Named Inventor: Mark To	nkin et al.
BY	APPLICANT		
]		Examiner Name:	Art Group Unit:
(Use seve	ral sheets if necessary)	UNKNOWN	UNKNOWN

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	Office	Document Number	Kind Code	Name of Patentee or Applicant of Cited Document	Date of Publication	Pages, Cols., Lines where, Relevant Passages Appear
AL		US	5,534,150		Bastioli et al.	7/9/1996	
		US	4,493,870		Vrouenraets et al.	1/15/1985	
		US	4,725,481		Ostapchenko	2/16/1988	
		US	5,348,691		McElroy et al.	9/20/1994	
		US	5,657,577		Rodder	8/19/1997	<u> </u>
		US	4,978,505		Kertz	12/18/1990	
		US	4,832,690		Kuu	5/23/1989	
		US	3,415,719		Telkes	12/10/1968	
		US	5,890,703		Kaus et al.	4/6/1999	
1 1			(english				
			language	<u> </u>		,	
			counterpart of				
			EP 0 808 657				
			A2 cited herein)				
		US	4,182,582		Youval et al.	01/08/1990	
		US	4,517,316	ļ	Mason et al.	05/14/1985	
		US	4,698,372		Moss	10/06/1987	
		US	5,374,138		Byles	12/20/1994	
		US	4,926,585		Dreschel	05/22/1990	
		US	5,595,662		Sanderson	01/21/1997	
		US	5,753,008		Friesen et al.	05/19/1998	
		US	2,904,479		Mccord et al.	09/15/1959	
		US	6,453,610		Tonkin et al.	9/24/2002	
1		US	6,484,439		Tonkin et al.	11/26/2002	
AF	¥	US	4,769,273		Hoeschele et al.	09/06/1988	T T

Sheet 2 of 2

M	US	5,547,586	Halperin et al.	08/20/1996
1	US	4,920,105	Zelman	04/24/1990
	US	3,858,499	Scott	01/07/1975
	US	3,648,845	Riley	3/14/1972
AR				+

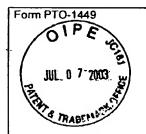
FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No.	Office	Document Number	Kind Code	Name of Patentee or Applicant of Cited Document	Date of Publication	Pages, Cols., Lines where, Relevant Passages Appear	T
AF		USSR	164,8291 A1			5/15/1991		
		FR	2 746 255			9/26/1997		
		DE	29 08 479		Industrie-Wert Beteiligungsgesellschaft mbH	8/18/1980		
		EP	0 521 726 A		Japan Gore Tex, Inc.	1/7/1993		
		EP	0 808 657 A2		Heraeus Instr GmbH & Co. KG	11/26/1997		
			(english language		Co. Ro			
			counterpart U.S.					
		1	Patent No.					
			5,890,703		-			
	'	\	submitted				ļ	
			herewith)	ļ				-
		wo	95 03033	·	Pfizer, Inc.	2/2/1995		+
		EP	0 154 971	B1_	Hilmer Hartwig	09/18/1995		╀
		EP	0 238 941	В1	Sick Optik Electronik Erwin	09/30/1987		_
		DE	40 24 405	A1	Meulen Alfred V D	02/06/1992		
		wo	95/24260	Al	Schneider	09/14/1995		\bot
		GB	2 265 536	A_	Davies	10/06/1993		1
17		EP	0 268 556	B1	Orbisphere Corp.	05/25/1988		┷
AF	1						<u> </u>	

OTHER DOCUMENTS (Including Author, Title, Date, Perlinent Pages, Etc.) PCT International Search Report dated 9/17/1999. Patent Abstracts of Japan E. Korngold et al., "Water desalination by pervaporation with hollow fiber membranes", Desalination, volume 107, no. 2, (1996) 121-129. ASTM Designation: E96-95, Standard Test Methods for Water Vapor Transmission of Materials, May 1995, pages 719-726. DATE CONSIDERED EXAMINER EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

507172

Sheet 1 of 1



U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No.

AD-6551 US CNT:

Application No. 99/878,886 (a continuation of U.S. application No. 09/250,776 filed 2/12/1999, which is a continuation-inpart of U.S. application No.

09/019,287, filed 215(1998)

Filing Date: June 11, 2001

First Named Inventor: Mark Tonkin et al.

Examiner Name: Art Group Unit: 1723 A. Fortuna

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

					ATENT DOCUMENTS		
Examiner Initial	Cite No.	Office	Document Number	Kind Code	Name of Patentee or Applicant of Cited Document	Date of Publication	Pages, Cols., Lines where, Relevant Passages Appear
AF		US	4,769,273		Hoeschele et al.	09/06/1988	
AF		US	5,547,586		Halperin et al.	08/20/1996	
AK		US	4,920,105		Zelman	04/24/1990	
Ar		US	3,858,499		Scott	<u>01/07/1975</u>	
AF		US	3,648,845		Riley	3/14/1972	
AL		US	6,511,052		Tonkin et al.	1/28/2003	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Cite No.	Office	Document Number	Kind Code	Name of Patentee or Applicant of Cited Document	Date of Publication	Pages, Cols., Lines where, Relevant Passages Appear	T

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AF	ASTM Designation: E96-95, Standard Test Methods for Water Vapor Transmission of Materials, May 1995, pages 719-726.
EXAMINER	DATE CONSIDERED 9/16/03

AMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.